CLAIMS
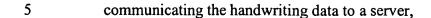
1   1.   A method comprising

2   receiving handwriting data electronically from a remote

3   user at a handwritten-information server, and

4   processing the handwriting data in accordance with

5   instructions provided to the server by the user.

1   2.   The method of claim 1 in which the handwriting data is

2   generated using a handwriting device at the location of the remote

3   user.

1   3.   The method of claim 1 in which the handwriting data is

2   generated by an electronic wireless pen.

1   4.   The method of claim 1 also including

2   performing handwriting recognition at the site of the remote user.

1   5.   The method of claim 1 also including

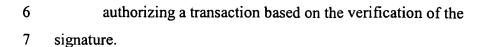2   performing handwriting recognition at the handwritten-information

3   server.

1 6. The method of claim 1 also including

2 at the location of the remote user, forming an electronic file

3 representing the handwritten information,

4 transmitting the handwritten information wirelessly to a

5 communication device, and

6 transmitting the electronically captured handwriting from the

7 communication device to the handwritten-information server.

1 7. The method of claim 1 in which the handwriting data

2 includes information identifying a destination of the handwriting

3 data.

1 8. The method of claim 1 in which the processing of the

2 handwriting data includes forwarding it to a destination.

1 9. The method of claim 8 in which the forwarding comprises

2 sending the handwriting data in FAX format.

1 10. The method of claim 8 in which the forwarding comprises

2 sending the handwriting data as an email attachment or in a body

3 of an email.

1 11. A method comprising

2 using a tracker attached to a mobile personal digital

3 assistant having wireless communication capability, tracking

4   handwriting done on a writing surface in the vicinity of the

5   personal digital assistant,

6   sending handwriting data representing the handwriting

7   wirelessly from the personal digital assistant to a server, and

8   providing services to a user from the server with respect to

9   the handwriting data.

1   12.   A method comprising

2   storing, in a server, handwriting information provided

3   wirelessly from mobile devices, and

4   communicating the handwriting to destinations based on

5   instructions provided by users.

1   13.   A method comprising

2   storing in a server handwriting information received

3   wirelessly from mobile devices, and

4   providing an interactive user interface on a screen of a

5   mobile device to enable a user to control functions applied to the

6   handwriting information.

1   14.   A method comprising

2   capturing handwriting of a name of an addressee of a

3   message as handwriting data representing motion that occurred

4   during the handwriting,

5   communicating the handwriting data to a server,

6   at the server, determining the name from the handwriting

7 data using information stored in a database.

1   15.   The method of claim 14 also including asking a user for

2 confirmation of the located address.

1   16.   The method of claim 14 also including sending the message

2 to the located address.

1   17.   The method of claim 14 in which the database includes

2 information provided by a user, the information in the database

3 linking names with corresponding addresses.

1   18.   A method comprising

2   from a server, communicating handwriting data to remote

3 user devices, the handwriting data for each of the devices being

4 formatted according to display capabilities of the remote user

5 device.

1   19.   ·A method comprising

2   receiving at a server handwriting data representing a

3 signature of a user of a remote device,

4   verifying the signature based on handwriting data

5 associated with the user and stored on the server, and
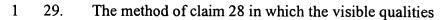
6   authorizing a transaction based on the verification of the

7   signature.

1   20.   The method of claim 19 in which the authorizing includes

2   providing an authorization to a third party.

1   21.   The method of claim 19 in which the transaction is

2   associated with a financial account of the user.

1   22.   The method of claim 19 in which the receipt of the

2   handwriting data occurs after terms of the transaction have been

3   resolved.

1   23.   The method of claim 19 in which the authorization is also

2   based on a unique identifier of a pen that is used to write the

3   signature.

1   24.   The method of claim 19 also including authorizing the

2   transaction based on voice or speech recognition.

1   25.   The method of claim 19 also including authorizing the

2   transaction based on a time stamp.

1   26.   A method comprising

2   receiving and storing at a server handwriting information

3   that is created by users at remote locations and communicated

4   electronically to the server,

5   electronically performing services with respect to the stored

6   information, and

7   charging the users for the services performed.

1   27.   A method comprising

2   receiving, at a server, handwriting data from a pen and a

3   pen identifier,

4   storing, at a server, an indication that the pen is in the

5   possession of a person not authorized to use it, and

6   in response to the received handwriting data and pen

7   identifier, determining that the pen is not being used by an

8   authorized person, and

9   taking an action in accordance with the result of the

10   matching.

1   28.   A method comprising

2   receiving electronic handwriting data created by a user's

3   handwriting,

4   receiving instructions indicating visible qualities to be

5   associated with respective portions of the handwriting, and

6   manifesting the handwriting in a visible form in which each

7   of the respective portions of the handwriting is manifested in

8   accordance with the indicated visible qualities.

1   29.   The method of claim 28 in which the visible qualities
2   include color.

1   30.   The method of claim 28 in which the instructions are
2   received from a handwriting instrument.

1   31.   A method comprising

2   associating unique identifiers with respective electronic
3   handwriting devices that are useful in generating handwriting data,

4   in a server, storing the handwriting data and storing
5   associations between the unique identifiers of the devices and
6   registered unique identifiers of respective users, and

7   at the server, controlling use of the handwriting data based
8   on matching stored pairs of user identifiers and device identifiers
9   to confirm that the purported user of a device used to generate the
10   handwriting data is the registered user of the device.

1   32.   Apparatus comprising

2   a mobile electronic device that includes

3   a communication facility configured to communicate with a remote
4   location, and

5   a tracking facility configured to track handwriting motion of a
6   stylus on a surface in a vicinity of the mobile electronic device.

1   33.   The apparatus of claim 32 in which the mobile electronic
2   device comprises a mobile telephone.

1   34.   The apparatus of claim 32 in which the mobile electronic
2   device includes a housing and the tracking facility is incorporated
3   within the housing.

1   35.   The apparatus of claim 32 in which the mobile electronic
2   device includes a housing and the tracking facility is attached to
3   the housing.

1   36.   The apparatus of claim 32 in which the mobile electronic
2   device includes a receptacle for a stylus.